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TI **Iron-chromium-aluminum** alloy strips for manufacturing
catalyst supports having high durability
IN Shimizu, Hiroshi; Hasuno, Sadao
PA Kawasaki Steel Corp., Japan
SO Jpn. Kokai Tokkyo Koho, 5 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	JP 04350148	A2	19921204	JP 1991-124362	19910529
	JP 3335647	B2	20021021		
PRAI	JP 1991-124362		19910529		

AB Durable catalyst supports with honeycomb structure are manufd. from corrugated strips of steel contg. C .ltoreq.0.05, Si .ltoreq.0.2, Mn .ltoreq.1.0, P .ltoreq.0.040, **Cr** 18-28, Ni .ltoreq.0.3, Cu .ltoreq.0.3, **Al** 1-10, N .ltoreq.0.02, and optionally La 0.01-0.20, Y 0.05-0.5, Hf 0.01-0.3, **Zr** 0.01-1.0, B 0.0005-0.01, and .gtoreq.1 element of **Ti**, Nb, Ta and V .ltoreq.1.0%, but [9.5 Si + 2Mn + 10 P + 3.6 (Ni + Cu)-2.5] .ltoreq. 0. The honeycomb supports are useful in catalytic converter for automotive exhaust gas treatment.